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Date of Deposit: October 14, 2004

**Case No. 10908/5**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Appln. of: Ahern et al.

Appln. No.: 10/658,635

Filed: September 8, 2003

For: Recovery of Metals from  
Jarosite-Containing Materials

Examiner: Andrews

Art Unit: 1615

**INFORMATION DISCLOSURE STATEMENT**

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, and more particularly in accordance with 37 C.F.R. §1.97(b), Applicants hereby cite the following reference(s):

No.	Date of Publication	Patentee/Applicant/Assignee
5,078,786	01/07/92	Peters et al.
4,054,638	10/18/77	Dreulle et al.

**FOREIGN ART**

DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY
EP 1 020 537	19/07/00	Europe

**OTHER ART**

1. RAGHAVAN R et al., "Innovative Processing Technique to produce zinc concentrate from zinc leach residue with simultaneous recovery of lead and silver" HYDROMETALLURGY, ELSEVIER SCIENTIFIC PUBLISHING CY. AMSTERDAM, NL, Vol. 48, No. 2, 1 April 1998 (1998-04-01), pages 225-237, XP 004127899 ISSN: 0304-386X; Page 230: Brine leaching; Tables 3 and 4

2. VINALS J. et al: "LEACHING OF GOLD, SILVER AND LEAD FROM PLUMBOJAROSITE-CONTAINING HEMATITE TAILINGS IN HCL-CACL<sub>2</sub> MEDIA", HYDROMETALLURGY, ELSEVIER SCIENTIFIC PUBLISHING CY., AMSTERDAM, NL, Vol. 26, No. 2, 1 March 1991 (1991-03-01), pages 179-199, XP 000201577; ISSN: 0304-386X; Abstract; page 197, point (6) of conclusions
3. ED. By T.S. Mackey and R.D. Prengaman: "Lead-Zinc '90" 1990, THE MINERALS, METALS & MATERIALS SOCIETY, WARRENDALE, PA USA XP 001118111 cited in the application Berezowsky RMGS et al: "Silver and gold recovery from zinc pressure leach residue", p. 135-150

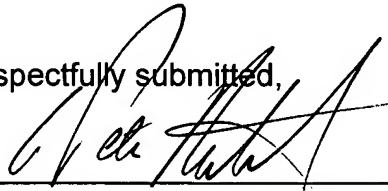
For the Examiner's convenience, a copy of each listed reference for which a copy is required under 37 C.F.R. §1.98(a)(2) is provided.

Applicants respectfully request the Examiner's consideration of the above reference(s) and entry thereof into the record of this application.

By submitting this Statement, Applicants are attempting to fully comply with the duty of candor and good faith mandated by 37 C.F.R. §1.56. As such, this Statement is not intended to constitute an admission that any of the enclosed references, or other information referred to therein, constitutes "prior art" or is otherwise "material to patentability," as that phrase is defined in 37 C.F.R. §1.56(a).

Applicants have calculated no fee to be due in connection with the filing of this Statement. However, the Director is authorized to charge any fee deficiency associated with the filing of this Statement to a deposit account, as authorized in the Transmittal accompanying this Statement.

Respectfully submitted,



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G. Peter Nichols (Reg. No. 34,401)

Date: October 14, 2004



FORM PTO-1449	SERIAL NO. 10/658,635	CASE NO. 10908/5
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE September 8, 2003	GROUP ART UNIT 1742
(use several sheets if necessary)		APPLICANT(S): Ahern et al.

#### REFERENCE DESIGNATION

#### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	5,078,786	01/07/92	Peters et al.		
	A2	4,054,638	10/18/77	Dreulle et al.		
	A3					
	A4					
	A5					
	A6					
	A7					
	A8					
	A9					
	A10					
	A11					
	A12					
	A13					

#### FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
	A14	EP 1 020 537	19/07/00	Europe		X
	A15					X
	A16					
	A17					
	A18					

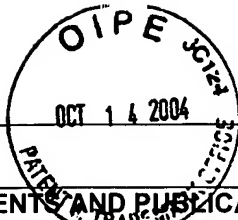
#### OTHER ART – NON PATENT LITERATURE DOCUMENTS

(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER INITIAL		
	A19	RAGHAVAN R et al., "Innovative Processing Technique to produce zinc concentrate from zinc leach residue with simultaneous recovery of lead and silver" HYDROMETALLURGY, ELSEVIER SCIENTIFIC PUBLISHING CY. AMSTERDAM, NL, Vol. 48, No. 2, 1 April 1998 (1998-04-01), pages 225-237, XP 004127899 ISSN: 0304-386X; Page 230: Brine leaching; Tables 3 and 4
	A20	VINALS J. et al: "LEACHING OF GOLD, SILVER AND LEAD FROM PLUMBOJAROSITE-CONTAINING HEMATITE TAILINGS IN HCL-CACL2 MEDIA", HYDROMETALLURGY, ELSEVIER SCIENTIFIC PUBLISHING CY., AMSTERDAM, NL, Vol. 26, No. 2, 1 March 1991 (1991-03-01), pages 179-199, XP 000201577; ISSN: 0304-386X; Abstract; page 197, point (6) of conclusions

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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APPLICANT(S): Ahern et al.		

EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.	
	A21	ED. By T.S. Mackey and R.D. Prengaman: "Lead-Zinc '90" 1990, THE MINERALS, METALS & MATERIALS SOCIETY, WARRENDALE, PA USA XP 001118111 cited in the application Berezowsky RMGS et al: "Silver and gold recovery from zinc pressure leach residue", p. 135-150
	A22	
	A23	
	A24	

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